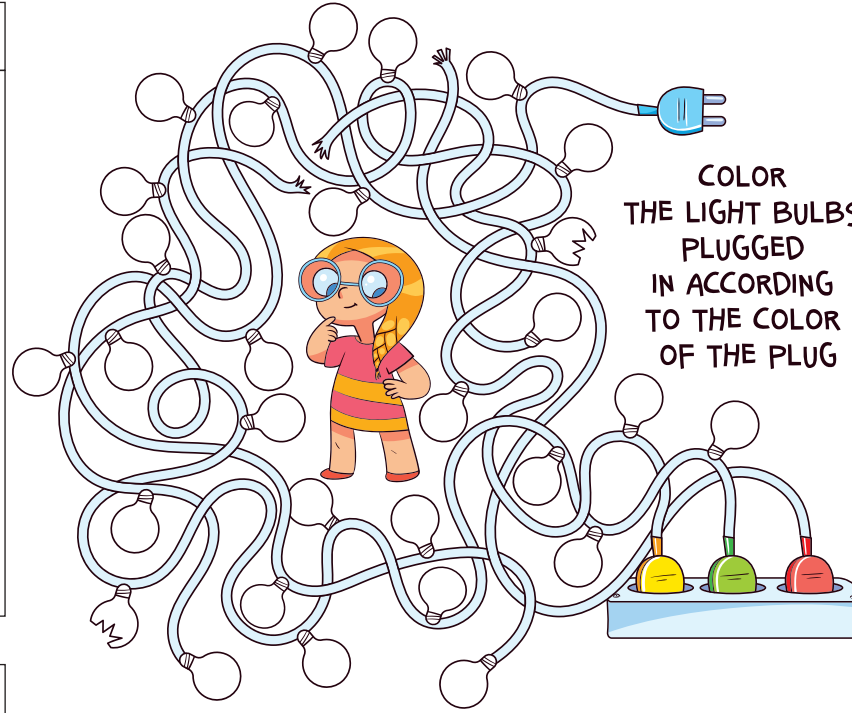


# HOME ELECTRICAL SAFETY ACTIVITY

## Word Scramble

1. KCSOH \_\_\_\_\_
2. UNBR \_\_\_\_\_
3. ATCENDSIC \_\_\_\_\_
4. ERWOP SUREG \_\_\_\_\_
5. VLIE IRWE \_\_\_\_\_
6. RTCTCUEOLEE \_\_\_\_\_
7. ARC UNBR \_\_\_\_\_
8. RELLCTEIA NCRTURE \_\_\_\_\_
9. IRTECCLAEL DZASARH \_\_\_\_\_
10. EIIECANCTRL \_\_\_\_\_
11. AMCETNENINA \_\_\_\_\_



## Word Search

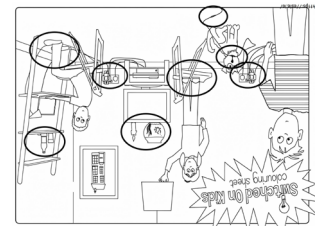
C I G Z R I T H E R M A L J N Q U  
 P A F A S T D C O N D U C T O R W  
 U J H E L E C T R I C I T Y K T N  
 W X Z E W G E N E R A T O R H M K  
 I T R A N S F O R M E R K K H P F  
 T E C X J P H U V J A K T X Y B M  
 A M P E R A G E O B C X B P X U J  
 Y V H R A N I P L E P U S O P C O  
 T N I N S U L A T O R M H W S S P  
 O Q I Z G W D E A N U C L E A R X  
 T Y V T K S A S G X M B L R N N Z  
 P S W I U H F T E E K L L L O C U  
 V R I R J R Q V E Y L Z W I H S S  
 T Z L L W U B M I R A E A N J F E  
 R R N U E Y S I N R Z Y L E O Q F  
 F B D R Z N X N N O Y V J S G R U  
 O L R Q I V T O C E S L N H K T L

## Missing Vowels

- |   |   |   |   |   |   |   |   |  |  |  |   |  |  |
|---|---|---|---|---|---|---|---|--|--|--|---|--|--|
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td> </td><td>M</td><td>P</td><td> </td><td>R</td><td> </td><td>G</td><td> </td></tr> </table>   |   | M | P |   | R |   | G |  | The strength of an electric current in amperes |  |   |  |  |
|   | M | P |   | R |   | G   |   |  |  |  |   |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>C</td><td> </td><td>N</td><td>D</td><td> </td><td>C</td><td>T</td><td> </td><td>R</td></tr> </table>                               | C |   | N | D |   | C   | T |  | R  | An object or type of material that allows the flow of charge |   |  |  |
| C   |   | N | D |   | C | T   |   | R  |  |  |   |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td> </td><td>L</td><td> </td><td>C</td><td>T</td><td>R</td><td> </td><td>C</td><td> </td><td>T</td><td>Y</td></tr> </table>           |   | L |   | C | T | R   |   | C  |  | T  | Y | The generated flow of electrons through pathways to power everyday objects |  |
|   | L |   | C | T | R |   | C |  | T  | Y  |   |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>G</td><td>R</td><td> </td><td> </td><td>N</td><td>D</td><td> </td><td>F</td><td> </td><td> </td><td>L</td><td>T</td></tr> </table> | G | R |   |   | N | D   |   | F  |  |  | L | T  | Any failure that allows unintended connection of power circuit conductors with the earth |
| G   | R |   |   | N | D |   | F |  |  | L  | T |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td> </td><td>H</td><td> </td><td>Z</td><td> </td><td>R</td><td>D</td></tr> </table>   |   | H |   | Z |   | R   | D | Any source of potential damage, harm or adverse health effects on something or someone |  |  |   |  |  |
|   | H |   | Z |   | R | D   |   |  |  |  |   |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td> </td><td>L</td><td> </td><td>Z</td><td>Y</td></tr> </table>   |   | L |   | Z | Y | Electricity will always follow the path of least resistance |   |  |  |  |   |  |  |
|   | L |   | Z | Y |   |   |   |  |  |  |   |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>P</td><td> </td><td>W</td><td> </td><td>R</td><td>L</td><td> </td><td>N</td></tr> </table>   | P |   | W |   | R | L   |   | N  | Cable used to distribute electricity           |  |   |  |  |
| P   |   | W |   | R | L |   | N |  |  |  |   |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td> </td><td>S</td><td> </td><td>L</td><td> </td><td>N</td><td>T</td></tr> </table>   |   | S |   | L |   | N   | T | The sound of an electric discharge   |  |  |   |  |  |
|   | S |   | L |   | N | T   |   |  |  |  |   |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>T</td><td>R</td><td> </td><td>N</td><td>S</td><td> </td><td>F</td><td> </td><td>R</td><td>M</td><td> </td><td>R</td></tr> </table> | T | R |   | N | S |   | F |  | R  | M  |   | R  | Device that transfers electric energy  |
| T   | R |   | N | S |   | F   |   | R  | M  |  | R |  |  |
| <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td> </td><td>V</td><td> </td><td>L</td><td>T</td><td> </td><td>G</td><td> </td></tr> </table>   |   | V |   | L | T |   | G |  | The “pressure” that pushes electricity         |  |   |  |  |
|   | V |   | L | T |   | G   |   |  |  |  |   |  |  |

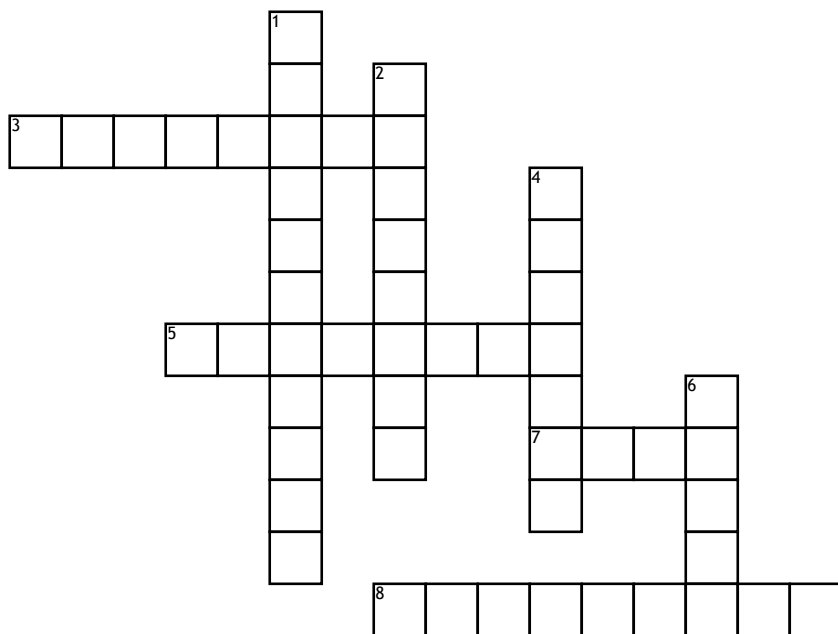
- |             |             |             |
|-------------|-------------|-------------|
| WATER       | LAZY        | TURBINE     |
| TRANSFORMER | ELECTRICITY | POWER LINES |
| NUCLEAR     | USEFUL      | GENERATOR   |
| FAST        | SILENT      | AMPERAGE    |
| VOLTAGE     | INSULATOR   |             |
| THERMAL     | CONDUCTOR   |             |

- Crossword Answers
- |              |                |
|--------------|----------------|
| Across       | 1. Transformer |
| 2. Resistor  |                |
| 3. Amperage  |                |
| 4. Voltage   |                |
| 5. Shortest  |                |
| 6. Light     |                |
| 7. GFCI      |                |
| 8. Conductor |                |



# HOME ELECTRICAL SAFETY ACTIVITY

## Crossword

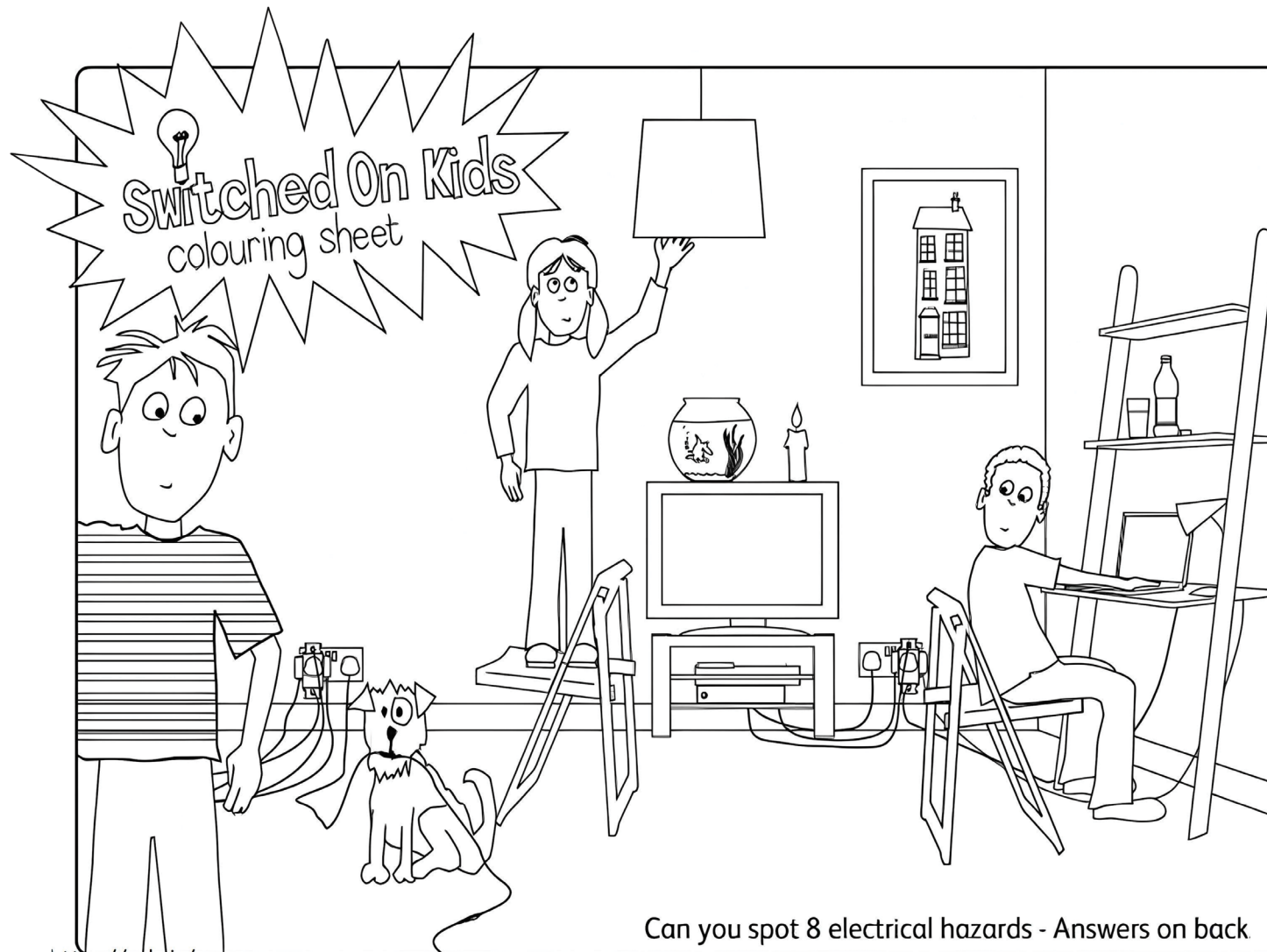


### Across

- 3. Volume of electricity
- 5. What path does electricity take to get to the ground?
- 7. Short form for "ground fault circuit interrupter"
- 8. Device used to transmit electricity

### Down

- 1. Device used to change voltage
- 2. Device used to control voltage and current
- 4. Pressure of electricity
- 6. Electricity travels at the speed of \_ \_ \_ \_ \_



Can you spot 8 electrical hazards - Answers on back



6. Electrocute	11. Maintenance
5. Live Wire	10. Electrician
4. Power Surge	9. Electrical Hazards
3. Accidents	8. Electrical Current
2. Burn	7. Arc Burn
1. Shock	
Word Scramble Answers	